

PATENT ABSTRACTS OF JAPAN

(17)

(11)Publication number : 2000-074109

(43)Date of publication of application : 07.03.2000

(51)Int.Cl.

F16D 65/12

(21)Application number : 10-240606

(71)Applicant : APEX:KK

(22)Date of filing : 26.08.1998

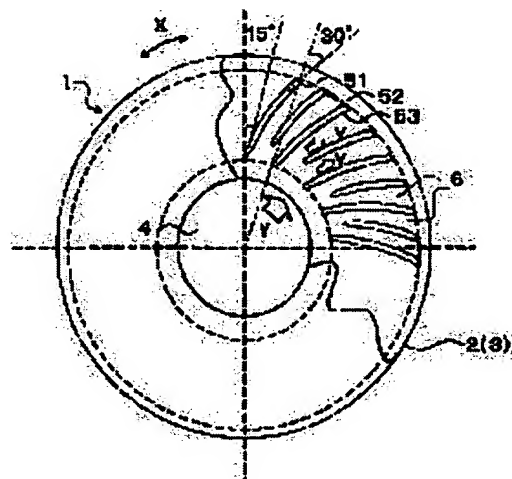
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(54) VENTILATED DISK ROTOR

(57)Abstract:

PROBLEM TO BE SOLVED: To improve a cooling efficiency by forming a fin member for connecting surfaces which are opposed to each other in inner and outer both side disks in a curve shape so as to direct an inner circumferential side tangent toward a center of a disk in comparing with an outer peripheral side tangent, tapering a tip end part of the inner circumferential side and ensuring much flow rate of air at an opening part of the inner circumferential side.

SOLUTION: Surfaces opposed to each other in inner and outer both side disks 2, 3 are integrally connected to each other by a plurality of fins 51 to 53 which are arranged enclosing penetrating holes 4 opened to centers of the disks 2, 3. In this case, each shape of the fins 51 to 53 is formed in a curve shape bent directing center directions of the disks 2, 3. The inner sides of fins 51 to 53 are sharply erected, the opening part of the inner circumferential side is deeply and widely formed, and an air flow rate for cooling a disk rotor 1 is increased to lead into a ventilation space 6. An inner circumferential side tip end part of each of fins 51 to 53 is formed in an tapered wedge shape, and its both ends are inclined.



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[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

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[Date of requesting appeal against examiner's decision of rejection]

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